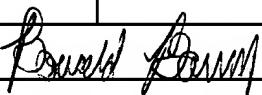


INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

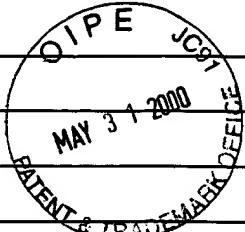
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Atty. Docket No. 04329.2163		Serial No.	Not Yet Assigned		
Applicants Fumihiko SANO et al.					
Filing Date	September 1, 1999		Group		
U.S. PATENT DOCUMENTS					
Examiner Initials	Document Number	Date	Name	Class	Sub Class
<i>RB</i>	3,962,539	06/08/76	EHRSAM et al.		
FOREIGN PATENT DOCUMENTS					
	Document Number	Date	Country	Class	Sub Class
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
<i>RB</i>	American National Standard, "X9.52 - 1998, Triple Data Encryption Algorithm Modes Of Operation," American Bankers Association, Pages 1-89, (1998).				
Examiner <i>Ronald Baum</i>	Date Considered <i>7/24/03</i>				
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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Atty. Docket No. 04329.2163	Serial No. 09/388,388					
Applicant Fumihiko SANO et al.						
Filing Date September 1, 1999	Group 2766					
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	JP 10 116029 A (Abstract)	5/6/98	Japan		100	RECEIVED APR 24 2000
					MAIL ROOM	2000
						RECEIVED
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	E. Biham et al.: "How to strengthen DES using existing hardware"; Advances in Cryptology - ASIACRYPT'94. 4 th International Conference on the theory and applications of cryptology. Proceedings, Advances in Cryptology - ASIACRYPT'94. 4 th International Conference on the theory and applications of cryptology, Wollongong, pp.398-412, XP000527605 1995, Berlin, Germany, Springer-Verlag.					
	M.H. Dawson et al.: "An expanded set of design criteria for substitution boxes and their use in strengthening DES-like cryptosystems"; IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (Cat. No. 91CH2954-6), Victoria, BC, Canada, 9-10 May 1991, pp. 191-195 vol.1 XP000280289 1991.					
Examiner 	Date Considered 					
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						
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Atty. Docket No. 04329.2163		Serial No. 09/388,388				
Applicant	Fumihiko SANO et al.					
Filing Date	September 1, 1999		Group	2766		
U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
					TC 2700	RECEIVED JUN - 1 2000 MAIL ROOM
FOREIGN PATENT DOCUMENTS						
	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>PS</i>	Bruce Schneier, <i>Applied Cryptography</i> , Second Edition 1996, John Wiley & Sons, Inc.					
Examiner <i>Ronald Barry</i>	Date Considered <i>7/25/03</i>					
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>						